DOCUMENT	CONFIDENTIAL CONFIDENTIAL	
	IN CLASS. D	27 September 1954
CLASS. CHA	NGED TO: TS S C)	2
AUTH: HR 7	70- <u>2</u>	
DATE: LTO	MEMORANDUM FOR: THE RECORD	2
	SUBJECT: Status of P-101B, Communication	lons System, I. R.
	1. The last project monitor by APD on 9	and 10 September found
	putting the finishing touches on the Tests on this system were to take place by 13	first breadboard system.
	2. At the last project monitor specific	
	emplifier circuitry were obtained from furnished for the design of	These were to be two breadboard units.
	A recent conference with showed that li	ttle would be gained
	by the use of transistors of the cost were to	be considered (see
•	Memorandum for The Record. P-101B, dated 27 Sconsequently, work with has been called	
	Consequenciy, work with mas been carrow	
	3. A recent (23September) conference wi	th of
	at Washington has indicated that the designing a quiet motor generator within the	
	set. The operation of this motor generator of	n ordinary kerosene is
	claimed by to be out of the question.	was
		problem) regarding
	the possibilities of:	
	a. Running the engine on kerosene magnetic ignition)	plus an additive (with
	b. Successfully silencing the engi	ne aid generator.
	This information was requested so that a deci the engine-generator job might be made at our (6 and 7 October).	
	4. The work order with	regarding
	the use of compass and level or star sight an map or photograph for aligning the system has being sent through Logistics Office.	d fuel together with a
		4700
	5. In a discussion between 27 September, it was decided that the three m taken up at the next project monitor are:	APD on ajor matters to be
	a. The power supply problem	

Declassified in Part - Sanitized Copy Approved for Release 2011/12/28: CIA-RDP78-03300A001600020077-7

CONFIDENTIAL

On the power supply problem it was dec data from on the engine October, work on the engine-generator native is the use of a vibrator supply battery.	ne-generator by the 6th of should be cancelled. The alter-	25X1
On the search-find problem it was deci	ided to:	
(1) find out what receiver beamwidths and fine alignment	plans to do about transmitter and gnment.	25 X 1
(2) suggest use of an I. R. or non-classified image tube. Ex	telescope based on a commercial xample:	25X1
(3) suggest consideration (night type with large aperture of	of visible light telescopic sight objective)	
(4) suggest that use of corpossible is not too desirable.	mpasses, levels, etc, although	
On the problem of the PbS cell and lawas decided that a visit by Raytheon was appropriate.	ck of knowledge thereof, it, to Eastman Kodak for information	
	TSS/APD	

Distribution:

✓Orig. - P-101B

l - Chrono

AST/bb

25X1

